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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 70 For Week Ended October 20, 1989 NO. 42

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/20/89	Last Week Ending: 10/13/89	Last Year Week Ending: 10/21/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,378	13,608	13,284	-230	94
Operable capacity	15,576	15,576	15,922	0	-346
Percent operated	85.9	87.4	83.4		
Motor Gasoline					
Total motor gasoline production	6,806	7,058	6,906	-252	-100
Finished leaded motor gasoline production	616	563	1,157	53	-541
Finished unleaded motor gasoline production	6,190	6,495	5,749	-305	441
Total motor gasoline stocks	223,156	225,255	216,003	-2,099	7,153
Finished leaded motor gasoline stocks	21,275	21,271	39,207	4	-17,932
Finished unleaded motor gasoline stocks	163,063	164,458	138,687	-1,395	24,376
Jet Fuel Kerosine					
Jet fuel kerosine production	1,337	1,252	1,193	85	144
Jet fuel kerosine stocks	43,656	42,709	42,272	947	1,384
Distillate Fuel Oil					
Distillate fuel oil production	2,724	2,902	2,808	-178	-84
Distillate fuel oil stocks	119,966	120,340	127,175	-374	-7,209
Residual Fuel Oil					
Residual fuel oil production	970	995	892	-25	78
Residual fuel oil stocks	47,508	45,917	42,270	1,591	5,238
Imports					
Crude oil imports	5,230	6,477	5,285	-1,247	-55
Product imports	1,983	1,911	2,141	72	-158
Crude Oil Stocks					
Crude oil stocks	336,454	342,758	333,640	-6,304	2,814
Crude Supply Balance	-218				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,492	1,300	1,300	1,325	98.1
Appal. No. 1	109	101	101	109	92.7
DISTRICT 1 TOTAL	1,601	1,401	1,401	1,434	97.7
Ind., Ill., Ky.	1,719	1,675	1,698	2,198	77.3
Minn., Wisc., Daks.	339	334	336	337	99.7
Okla., Kans., Mo.	701	628	636	730	87.1
DISTRICT 2 TOTAL	2,759	2,637	2,670	3,265	81.8
Inland Texas	552	499	507	555	91.4
Texas Gulf Coast	3,308	3,036	3,042	3,477	87.5
La. Gulf Coast	2,662	2,361	2,390	2,938	81.3
N. La. and Ark.	148	132	132	247	53.4
New Mexico	88	72	73	76	96.1
DISTRICT 3 TOTAL	6,758	6,100	6,144	7,293	84.2
DISTRICT 4 TOTAL	463	434	434	546	79.5
DISTRICT 5 TOTAL	2,787	2,650	2,729	3,038	89.8
TOTAL U.S.	14,368	13,222	13,378	15,576	85.9
TOTAL U.S. Weeks Ended:					
OCT. 13, 1989	14,745	13,438	13,608	15,576	87.4
OCT. 21, 1988	14,066	13,133	13,284	15,922	83.4
DISTRICTS 1-4 Weeks Ended:					
OCT. 20, 1989	11,581	10,572	10,649	12,538	84.9
OCT. 13, 1989	12,039	10,846	10,908	12,538	87.0
OCT. 21, 1988	11,473	10,608	10,705	12,691	84.4

API WEEKLY STATISTICAL BULLETIN

Week Ended October 20, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	605	7	598	8	94	320	113
Appal. No. 1	37	4	33	--	--	32	5
DISTRICT 1 TOTAL	642	11	631	8	94	352	118
Ind., Ill., Ky.	909	12	897	15	74	359	63
Minn., Wisc., Daks.	185	20	165	1	23	87	9
Okla., Kans., Mo.	381	87	294	14	57	162	6
DISTRICT 2 TOTAL	1,475	119	1,356	30	154	608	78
Inland Texas	304	36	268	27	33	99	11
Texas Gulf Coast	1,600	41	1,559	17	330	578	236
La. Gulf Coast	1,243	40	1,203	12	329	478	149
N. La. and Ark.	38	1	37	8	2	40	11
New Mexico	46	14	32	12	1	17	1
DISTRICT 3 TOTAL	3,231	132	3,099	76	695	1,212	408
DISTRICT 4 TOTAL	250	83	167	17	27	125	6
DISTRICT 5 TOTAL	1,208	271	937	60	367	427	360
TOTAL U.S.	6,806	616	6,190	191	1,337	2,724	970
TOTAL U.S. Weeks Ended:							
OCT. 13, 1989	7,058	563	6,495	187	1,252	2,902	995
OCT. 21, 1988	6,906	1,157	5,749	204	1,193	2,808	892
DISTRICTS 1-4 Weeks Ended:							
OCT. 20, 1989	5,598	345	5,253	131	970	2,297	610
OCT. 13, 1989	5,832	323	5,509	156	936	2,438	620
OCT. 21, 1988	5,807	907	4,900	147	886	2,401	529

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,318	8	4,309	1	90	593	6,894	1,016	--
Central Atlantic	27,568	234	23,091	4,243	441	5,391	28,474	18,588	12,934
Lower Atlantic	29,238	1,935	27,001	302	386	5,957	14,553	2,896	437
DISTRICT 1 TOTAL	61,124	2,177	54,401	4,546	917	11,941	49,921	22,500	13,371
DISTRICT 2 TOTAL	58,383	7,173	42,345	8,865	910	8,279	28,897	3,314	19,292
DISTRICT 3 TOTAL	67,968	3,853	47,749	16,366	2,119	17,039	27,833	13,561	48,994
DISTRICT 4 TOTAL	6,527	1,982	2,869	1,676	379	668	2,540	561	2,426
DISTRICT 5 TOTAL	29,154	6,090	15,699	7,365	1,735	5,729	10,775	7,572	24,915
TOTAL U.S.	223,156	21,275	163,063	38,818	6,060	43,656	119,966	47,508	108,998
TOTAL U.S. Weeks Ended:									
OCT. 13, 1989	225,255	21,271	164,458	39,526	6,426	42,709	120,340	45,917	106,363
OCT. 21, 1988	216,003	39,207	138,687	38,109	6,362	42,272	127,175	42,270	109,763
DISTRICTS 1-4 Weeks Ended:									
OCT. 20, 1989	194,002	15,185	147,364	31,453	4,325	37,927	109,191	39,936	84,083
OCT. 13, 1989	196,445	15,693	148,572	32,180	4,847	37,185	109,405	38,119	81,639
OCT. 21, 1988	185,505	32,590	123,085	29,830	4,538	35,381	115,066	33,630	80,975

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1989	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
OCT. 20, 1989	4,562.0	4,799.0	4,861	560	256,794
OCT. 13, 1989	4,562.0	--	6,030	502	262,430
OCT. 6, 1989	4,589.0	--	5,880	645	258,693
SEP. 29, 1989	4,589.0	--	6,094	587	254,434
DISTRICT 5 TOTAL					
OCT. 20, 1989	2,921.0	2,983.0	369	16	79,660 #
OCT. 13, 1989	2,921.0	--	447	6	80,328
OCT. 6, 1989	2,890.0	--	416	59	78,371
SEP. 29, 1989	2,890.0	--	232	36	78,906
TOTAL U.S.					
OCT. 20, 1989	7,483.0	7,782.0	5,230	576	336,454 #
OCT. 13, 1989	7,483.0	--	6,477	508	342,758
OCT. 6, 1989	7,479.0	--	6,296	704	337,064
SEP. 29, 1989	7,479.0	--	6,326	623	333,340
OCT. 21, 1988	8,023.0 a/	--	5,285	744	333,640

#INCLUDES 21,345 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	Positive	Negative
OCT. 20, 1989	-218	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
OCT. 20, 1989	14,163	70,075	160,956	11,600	256,794	79,660 #	336,454 #
OCT. 13, 1989	16,228	69,609	165,058	11,535	262,430	80,328	342,758
OCT. 21, 1988	16,031	65,330	157,681	11,699	250,741	82,899	333,640

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	64	--	64	--	--	--	122	95	3	--	--	284
Central Atlantic	362	--	362	43	--	--	95	233	30	65	77	905
Lower Atlantic	69	--	69	--	--	29	--	121	--	--	5	224
DISTRICT 1 TOTAL												
OCT. 20, 1989	495	--	495	43	--	29	217	449	33	65	82	1,413
OCT. 13, 1989	144	--	144	90	--	25	574	276	35	60	5	1,209
OCT. 6, 1989	437	--	437	35	31	39	265	316	26	229	46	1,424
SEP. 29, 1989	278	--	278	96	--	21	90	384	44	189	47	1,149
DISTRICTS 2-4 TOTAL												
OCT. 20, 1989	8	--	8	6	46	14	4	15	142	225	66	526
OCT. 13, 1989	2	--	2	10	43	61	10	14	188	179	160	667
OCT. 6, 1989	9	--	9	31	4	28	3	12	221	277	137	722
SEP. 29, 1989	4	--	4	104	12	24	3	23	154	283	8	615
DISTRICT 5 TOTAL												
OCT. 20, 1989	29	--	29	--	--	2	2	4	7	--	--	44
OCT. 13, 1989	10	--	10	--	--	5	6	6	5	3	--	35
OCT. 6, 1989	32	--	32	--	--	4	8	9	6	3	--	62
SEP. 29, 1989	19	--	19	--	--	4	2	19	5	2	--	51
TOTAL U.S.	532	--	532	49	46	45	223	468	182	290	148	1,983
TOTAL U.S. Weeks Ended:												
OCT. 13, 1989	156	--	156	100	43	91	590	296	228	242	165	1,911
OCT. 6, 1989	478	--	478	66	35	71	276	337	253	509	183	2,208
SEP. 29, 1989	301	--	301	200	12	49	95	426	203	474	55	1,815
OCT. 21, 1988	528	3	525	45	4	81	321	559	173	379	51	2,141

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.